To: CN=Deborah McKean/OU=R8/O=USEPA/C=US@EPA[]

Cc: CN=Annette Gatchett/OU=CI/O=USEPA/C=US@EPA;CN=Alice

Gilliland/OU=CI/O=USEPA/C=US@EPA;CN=Kelly Smith/OU=ADA/O=USEPA/C=US@EPA;CN=Thomas Speth/OU=CI/O=USEPA/C=US@EPA;CN=Albert Venosa/OU=CI/O=USEPA/C=US@EPA;CN=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]; N=Alice Gilliland/OU=CI/O=USEPA/C=US@EPA;CN=Kelly Smith/OU=ADA/O=USEPA/C=US@EPA;CN=Thomas Speth/OU=CI/O=USEPA/C=US@EPA;CN=Albert Venosa/OU=CI/O=USEPA/C=US@EPA;CN=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]; N=Kelly Smith/OU=ADA/O=USEPA/C=US@EPA;CN=Thomas Speth/OU=CI/O=USEPA/C=US@EPA;CN=Albert Venosa/OU=CI/O=USEPA/C=US@EPA;CN=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]; N=Thomas Speth/OU=CI/O=USEPA/C=US@EPA;CN=Albert

Venosa/OU=CI/O=USEPA/C=US@EPA;CN=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]; N=Albert Venosa/OU=CI/O=USEPA/C=US@EPA;CN=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]; N=David Jewett/OU=ADA/O=USEPA/C=US@EPA[]

From: CN=Cynthia Sonich-Mullin/OU=CI/O=USEPA/C=US

**Sent:** Wed 8/8/2012 5:34:30 PM

Subject: Re: Fw: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information

on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

KehrC@gao.gov SpaanJ@gao.gov

I am working on it but I wanted to make sure our review is started (assuming they will say no). I am not sure where this is in the routing process.

I will keep you all posted.

C. Sonich-Mullin Director NRMRL/ORD U.S. EPA

Cin: 513-569-7923 Cell: 513-560-5043

From: Deborah McKean

Sent: 08/08/2012 11:09 AM MDT

To: Cynthia Sonich-Mullin

Cc: Annette Gatchett; Alice Gilliland; Kelly Smith; Thomas Speth; Albert Venosa; David Jewett

Subject: Re: Fw: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information

on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

At least with the OIG it is not un-customary to request and obtain a 30-day extension. Has anyone considered requesting one?

Deborah L. McKean, Ph.D.
Acting Division Director
Ground Water and Ecosystems Restoration Division
U.S. EPA - Office of Research and Development
Ada, Oklahoma
Office: 580-436-8518

Office: 580-436-8518 Cell: 303-579-4371 -----David Jewett/ADA/USEPA/US wrote: ----To: "Kelly Smith" <Smith.Kelly@epamail.epa.gov>

From: David Jewett/ADA/USEPA/US

Date: 08/08/2012 10:43AM

Cc: "Deborah McKean" < McKean. Deborah@epamail.epa.gov>, Cynthia Sonich-Mullin/CI/USEPA/US@EPA, "Alice Gilliland"

<Gilliland.Alice@epamail.epa.gov>, "Albert Venosa" <Venosa.Albert@epamail.epa.gov>, "Thomas Speth"

<Speth.Thomas@epamail.epa.gov>, "Annette Gatchett" <Gatchett.Annette@epamail.epa.gov>

Subject: Fw: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

I guess this is a review of a different GAO document. Would you please coordinate with Al Venosa and Alice Gilliland. I'm stuck on the tarmac at OKC because of a weather delay at DFW and my Bb is running out of juice.

Still no word on due date for comments (likely a quick turnaround). Will keep you posted.

- dgi -

Sent by EPA Wireless E-Mail Services

**David Jewett** 

---- Original Message -----From: David Jewett

Sent: 08/08/2012 12:31 PM EDT

To: Kelly Smith Cc: Deborah McKean

Subject: Fw: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information on Shale Resources,

Development, and Environmental and Public Health Risks (GAO-12-732)

Kelly,

Review of GAO document requested (yes Deb, its reared its ugly head again). Could you see if Randall or Steve can review? HF case study PIs and staff on travel or dealing with other HF or Pavillion priorities. Jeanne Briskin/Cindy Roberts will provide spreadsheet format for consolidating ORD comments. Trying to verify due date. Briskin email (below)says comments due COB tomorrow. Howard email (farther below) says comments due to GAO by 20 August (but EPA HQ will still need to review, collate, and consolidate comments). Obviously difficult to provide sufficient review if time is limited. Will keep you posted if I hear anything more.

dgj Sent by EPA Wireless E-Mail Services

Cynthia Sonich-Mullin

---- Original Message ----From: Cynthia Sonich-Mullin Sent: 08/08/2012 12:01 PM EDT To: David Jewett; Alice Gilliland

Subject: Fw: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

C. Sonich-Mullin Director NRMRL/ORD U.S. EPA

Cin: 513-569-7923 Cell: 513-560-5043

## Jeanne Briskin

---- Original Message -----From: Jeanne Briskin

Sent: 08/08/2012 11:58 AM EDT

To: Hvon Kim

Cc: Amy Battaglia; Andy Miller; Annette Gatchett; Christiane Routt; Dan Costa; Deborah Heckman; Dorothy Miller; Fred Hauchman; Iris Goodman; Jennifer Orme-Zavaleta; Jose Zambrana; Kami Nolte; Michael McDonald; Michael Slimak; Norman Adkins; Patricia Erickson; Ramona Trovato; Robert Kavlock; Seema Schappelle; Cindy Sonich-Mullin <sonichmullin.cynthia@epa.gov>; Suzanne vanDrunick; Tim Watkins; Cindy Roberts

Subject: Re: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

Cindy Roberts will be our lead point of contact for this effort. We will provide a spreadsheet for your comments. Using this spreadsheet will allow us to easily combine, collate and sort comments from a variety of organizations.

Since our comments are due to OCFO by Friday, please provide your comments to Cindy before COB tomorrow, Thursday 8/9.

thanks!

Jeanne

Jeanne Briskin
Office of Science Policy
Office of Research and Development
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W. (8104R)
Washington, D.C. 20460
(202) 564-4583 - office
(202) 565-2911 - fax
briskin.jeanne@epa.gov

Address for Deliveries: US EPA Ronald Reagan Building --Room 51144 Washington DC 20004

Hyon Kim---08/08/2012 11:38:38 AM---All, As a follow-up email regarding the subject GAO Draft Report on hydraulic fracturing, OSP will b

From: Hyon Kim/DC/USEPA/US

To: Fred Hauchman/DC/USEPA/US@EPA

Cc: Suzanne vanDrunick/DC/USEPA/US@EPA, Michael McDonald/RTP/USEPA/US@EPA, Jennifer Orme-Zavaleta/RTP/USEPA/US@EPA, Annette Gatchett/Cl/USEPA/US@EPA, Cindy Sonich-Mullin <sonich-mullin.cynthia@epa.gov>, Ramona Trovato/DC/USEPA/US@EPA, Dorothy Miller/DC/USEPA/US@EPA, Jose Zambrana/DC/USEPA/US@EPA, Robert Kavlock/DC/USEPA/US@EPA, Seema Schappelle/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, Dan Costa/RTP/USEPA/US@EPA, Tim Watkins/RTP/USEPA/US@EPA, Andy Miller/RTP/USEPA/US@EPA, Michael Slimak/DC/USEPA/US@EPA, Patricia Erickson/Cl/USEPA/US@EPA, Iris Goodman/DC/USEPA/US@EPA, Amy Battaglia/DC/USEPA/US@EPA, Norman Adkins/RTP/USEPA/US@EPA, Deborah Heckman/DC/USEPA/US@EPA, Christiane Routt/DC/USEPA/US@EPA, Kami Nolte/DC/USEPA/US@EPA

Date: 08/08/2012 11:38 AM

Subject: URGENT UPDATED INFORMATION: GAO Draft Report on Oil and Gas - Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)

All,

As a follow-up email regarding the subject GAO Draft Report on hydraulic fracturing, OSP will be collecting and coordinating comments across ORD. ORMA is trying to get an exact due date from OCFO for when ORD's comments will be due to them. However, due to a short turnaround time to GAO, we should assume that our comments will be due to OCFO no later than this week. OCFO has the responsibility for consolidating Agency-wide comments that will take extensive coordination on their part.

As soon as we get additional information, including an exact due date from OCFO, we will notify you.

HyonAh Kim
Audit Liaison
Office of Research and Development
Environmental Protection Agency

Office: (202) 564-3944 Mobile: (571) 643-5229

----- Forwarded by Hyon Kim/DC/USEPA/US on 08/08/2012 10:59 AM -----

From: MarkT Howard/DC/USEPA/US
To: Norman Adkins/RTP/USEPA/US

Cc: Hyon Kim/DC/USEPA/US@EPA, Marilyn Ramos/DC/USEPA/US@EPA, Michael Mason/DC/USEPA/US@EPA, Johnsie Webster/DC/USEPA/US@EPA, Gwendolyn Spriggs/DC/USEPA/US@EPA, Mindy Kairis/DC/USEPA/US@EPA, Marna McDermott/DC/USEPA/US@EPA, Maureen Hingeley/DC/USEPA/US@EPA, Courtney Hyde/DC/USEPA/US@EPA, Pamala List/DC/USEPA/US@EPA, Bobbie Trent/DC/USEPA/US, Lorraine Fleury/R3/USEPA/US@EPA, Wayne Anthofer/R8/USEPA/US@EPA, Susan Jenkins/R6/USEPA/US@EPA, Reynaldo Gomez/R6/USEPA/US@EPA, Eric Levy/R5/USEPA/US@EPA, Kathy Finazzo/R7/USEPA/US@EPA, Mara Notbusch/R5/USEPA/US@EPA

Date: 08/06/2012 03:21 PM

Subject: Fw: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT (JC 361350)

Didn't read the due date carefully.

We have just two weeks to get comments back to GAO...

That is comments are due to GAO on Monday, August 20, 2012.

Norm,

GAO has just sent us the draft report for the other fracking job JC 361350 (Energy Resources and Risks Associated with Hydraulic Fracturing).

It is attached below. As the lead office, we ask that you coordinate the response process and consolidate any technical error corrections, comments, or suggestions for GAO.

Consolidated comments are due back to the GAO Liaison Team by Sept 4th. GAO by Aug 20th.

GAO is not making any recommendations for this report (neither EPA nor anyone else).

This one is only 74 pages cover to cover.

If we do not want to send a formal response to this report (as is typical for reports without recommendations) we can send comments to GAO via email.

Thanks, Mark

MarkT Howard
GAO Liaison Team (2732A)
OCFO/OB
Ariel Rios North 4442P
United States Environmental Protection Agency

1200 Pennsylvania Ave., NW Washington, DC 20460 Phone: 202-564-1697

EMail: howard.markt@epa.gov

---- Forwarded by MarkT Howard/DC/USEPA/US on 08/06/2012 02:42 PM -----

From: "Spaan, Jay" <SpaanJ@gao.gov>

To: OCFO-GAO@EPA. Bobbie Trent/DC/USEPA/US@EPA

Cc: "Kehr, Christine" <KehrC@GAO.GOV>, "Patterson, Barbara L" <PattersonB@GAO.GOV>, "Rusco, Franklin"

<RuscoF@gao.gov>

Date: 08/06/2012 02:38 PM

Subject: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)-

DRAFT

August, 6, 2012
The Honorable Lisa P. Jackson
Administrator, Environmental Protection Agency

Dear Ms. Jackson:

Attached is a copy of our proposed report entitled Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732). We are providing this draft for your review and comment before the report is issued. Our work was done under engagement code 361350.

We would like to obtain the department's comments from you or your designated representative by August 20, 2012. These comments will be reflected in the final report. We prefer written comments and request that they be provided electronically. However, we will accept comments provided in hard copy, orally, or in an unsigned e-mail message. Please direct all comments and any questions you may have concerning this draft to Christine Kehr, Assistant Director, (214) 777-5675 or (KehrC@gao.gov) or Jay Spaan, Analyst In Charge, (214) 777-5636 or (SpaanJ@gao.gov).

This draft has not been fully reviewed within GAO, is subject to change, and must be safeguarded to prevent its improper disclosure. Please do not show or release its contents for any purpose. All drafts remain the property of GAO. Upon request, all electronic copies of drafts must be destroyed and any hard copies of drafts must be returned. We appreciate your cooperation in this matter.

Sincerely yours,

Frank Rusco

Director, Natural Resources and Environment

Enclosure

[attachment "GAO\_12\_732 (DRAFT).pdf" deleted by Jeanne Briskin/DC/USEPA/US]